

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	102116	neutralisation	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 12:58
L2	813948	calcium carbonate	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 12:58
L3	52685	L1 and L2	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 12:58
L4	1627371	organic acid and ammonium nitrate	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 12:59
L5	45340	L3 and L4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 12:59
L6	19162	acidifying	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 12:59
L7	1446	L5 and L6	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 12:59
L8	2179514	nitric acid	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 12:59
L9	1445	L7 and L8	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:00
L10	700425	calcium nitrate	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:00
L11	1183	L9 and L10	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:00
L12	746684	ammonium nitrate	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:00

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L13	1012	L11 and L12	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:00
L14	813948	calcium carbonate	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:00
L15	1012	L13 and L14	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:01
L16	2881980	recovering organic acid	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:01
L17	1012	L15 and L16	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:20
L18	95	562/513	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:21
L19	7	554/29	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:21
L20	8	554/189	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 13:20
S1	4	("4282323" "4405717" "4569726" "5599976").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/31 08:22
S2	3	"5856523"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/30 22:14
S3	3	"5686630"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/30 21:31
S4	186836	organic acid salt	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:31
S5	127816	nitric acid	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:32

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S6	42856	S4 and S5	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:32
S7	94634	carbonate salt	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:32
S8	8892	S6 and S7	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:33
S9	61391	ammonium carbonate	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:33
S10	3994	S8 and S9	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:33
S11	52644	ammonium nitrate	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:33
S12	957	S10 and S11	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:33
S13	2558	insoluble carbonate salt	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:34
S14	28	S12 and S13	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:36
S15	21407	fermentation medium	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:37
S16	4851	S4 and S15	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:37
S17	325	S5 and S16	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/30 21:37
S18	89	S17 and S11	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/30 22:14

## EAST Search History

S19	2	((("6509180") or ("4698303")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/31 08:55
S20	1	("5245078").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/31 08:58
S21	3079859	organic acid salt	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 08:59
S22	70954	ion exchange resin	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 08:59
S23	61447	S21 and S22	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:00
S24	127816	nitric acid	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:00
S25	10673	S23 and S24	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:00
S26	61391	ammonium carbonate	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:00
S27	1466	S25 and S26	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:00
S28	52644	ammonium nitrate	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:01
S29	427	S27 and S28	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:27
S30	26463	fermentation process	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:01
S31	15	S29 and S30	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:06

## EAST Search History

S32	9	"6284904"	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:09
S33	2	cation/nitrate salt	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:15
S34	61391	ammonium carbonate	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:10
S35	2	S33 and S34	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:10
S36	52644	ammonium nitrate	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:11
S37	11165	S34 and S36	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:11
S38	70954	ion exchange resin	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:11
S39	1222	S37 and S38	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:12
S40	3	fertilizer product	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:15
S42	124	S30 and S39	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:12
S43	22003	calcium nitrate	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:28
S44	61391	ammonium carbonate	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:28
S45	4610	S43 and S44	US-PGPUB; USPAT; EPO; DERWENT	WITH	ON	2007/12/31 09:28

## EAST Search History

S47	488	S38 and S45	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:29
S48	356	S28 and S47	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:29
S49	1554113	insoluble carbonate salt	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:30
S50	356	S48 and S49	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:30
S51	104	S50 and S24	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:35
S52	1627371	organic acid and ammonium nitrate	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:35
S53	100920	fermentation	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:36
S54	50012	S52 and S53	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:36
S55	7764	S54 and S22	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:36
S56	523	S55 and S24	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:36
S57	93	S56 and S26	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:37
S58	1063277	separation	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 09:37
S59	56	S57 and S58	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 11:04

## EAST Search History

S60	6	"5245078"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 11:17
S61	9	"6284904"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/12/31 12:58